

Site: West Lake 013
 ID # MB007990932
 Break: 17.8
 Other: 07/4
8-30-74

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY

SANITARY LANDFILL SURVEILLANCE RECORD

San - Balance
H. Davis

Date: 8/30/74

Name of Sanitary Landfill: WEST LAKE

Permit No: _____ County: ST LOUIS

Owner: _____ Operator: _____

Address: _____ Address: _____

I. Special Conditions and Approved Modifications


A. Are there any special conditions or approved modifications of the satisfactory compliance subsections of the rules and regulations? (e.g. impermeable barrier, limited excavation, exceptions to daily cover requirements)

X Yes _____ No

B. Is the sanitary landfill operation in compliance with the special conditions or approved modifications? (If "No", describe violations under "REMARKS".)

(NEW AREA ONLY) X Yes _____ No

II. Check Types of Waste Accepted

	INDICATED ON PERMIT APPLICATION	REPORTED BY OPERATOR	AS OBSERVED
Municipal solid waste	<u>X</u>		<u>X</u>
Bulky waste	<u>X</u>		<u>X</u>
Dead animals			
Incinerator residue			
Demolition and construction waste	<u>X</u>		<u>X</u>
Brush and untreated wood waste	<u>X</u>		<u>X</u>
Septic tank pumpings			
Wastewater treatment plant sludges			
OTHER SLUDGES (SPECIFY)	40241248  SUPERFUND RECORDS		
LIQUIDS (SPECIFY)			
INDUSTRIAL PROCESS WASTE (SPECIFY)			
HAZARDOUS WASTES (SPECIFY)			
OTHER WASTES (SPECIFY)			

III. Satisfactory Compliance Subsections

Check all subsections: SAT - Satisfactory; UNS - Unsatisfactory. (If necessary describe "UNS" violations under "Remarks".)

SUBSECTION NUMBER	SATISFACTORY COMPLIANCE OPERATING PROCEDURE	SAT	UNS	SUBSECTION NUMBER	SATISFACTORY COMPLIANCE OPERATING PROCEDURE	SAT	UNS
2.1.0 SOLID WASTE ACCEPTED				2.9.0 AESTHETICS (continued).			
2.1.3.A	Routine sanitary landfill techniques of spreading and compacting solid waste and placing cover material daily.	X		2.9.3.C	On-site vegetation and natural windbreaks being utilized to improve appearance and operation of the sanitary landfill.	X	
2.1.3.B	Bulky solid waste crushed on solid ground and pushed onto working face near bottom of the cell.	X		2.9.3.D	Salvaged materials removed daily or stored in aesthetically acceptable containers or enclosures.	X	
2.1.3.C	Small dead animals covered immediately with soil or solid waste. Large dead animals placed in pit and covered with four feet compacted soil.	X		2.10.0 COVER MATERIAL			
2.1.3.D	Disposal of dewatered sludges on working face along with municipal solid waste.	X		2.10.3.A	Daily cover applied regardless of weather in not less than a six inch layer. Cover material available in all weather conditions.	X	
2.1.3.E	Incinerator and air pollution control residues prevented from becoming airborne.	X		2.10.3.B	Intermediate cover applied to all areas idle for more than 60 days in a layer not less than one foot after compaction.	X	
2.2.0 SOLID WASTE EXCLUDED				2.10.3.C	Final cover applied on each area as completed in a layer not less than two feet after compaction.	X	
2.2.3.A	No unpermitted waste accepted.	X		2.11.0 COMPACTION			
2.2.3.B	Sign posted at entrance listing excluded wastes.	X		2.11.3.A	Working face not flatter than 3:1.	X	
2.3.0 SITE SELECTION				2.11.3.A1	Solid waste spread in layers not to exceed two feet and confined to smallest practical area.	X	
2.3.3.A	Site accessible in all weather conditions. Temporary roads provided for delivery to working face.	X		2.11.3.A2	Wastes compacted to smallest practical volume.	X	
2.3.3.B	Public roads or access roads to the site above flood elevation.	X		2.11.3.A3	Cover material compacted as much as practical.	X	
2.5.0 WATER QUALITY				2.11.3.B	Preventive maintenance performed.	X	
2.5.3.A	Surface water courses and runoff properly diverted from the landfill. Sanitary landfill construction and grading to promote rapid surface water runoff without excessive erosion.	X		2.11.3.C	Daily task operating manual provided.	X	
2.5.3.B	Leachate collection and treatment systems utilized where necessary to protect ground and surface water resources.	X		2.12.0 SAFETY			
2.5.3.C	No groundwater in contact with solid waste.	X		2.12.3.A	Fire extinguishers provided on all equipment.	X	
2.6.0 AIR QUALITY				2.12.3.B	Provisions for extinguishing fires in waste, equipment and structures.	X	
2.6.3	No open burning without written permission of the proper air pollution agency and the Division.	X		2.12.3.C	Communication equipment available.	X	
2.7.0 GAS CONTROL				2.12.3.D	Scavenging prohibited	X	
2.7.3.A	Decomposition gases adequately vented to prevent danger to occupants of adjacent property.	X		2.12.3.E	Controlled access to site by established roadways and limited to hours when operating personnel are on duty.	X	
2.7.3.B	Decomposition gases vented in a manner to prohibit accumulation in explosive or toxic concentrations.	X		2.12.3.F	Traffic controlled and directed to appropriate disposing points.	X	
2.8.0 VECTORS				2.12.3.G	Dust controlled for safety purposes and to prevent nuisances.	X	
2.8.3	Vector control programs implemented when necessary to prevent or rectify vector problems.	X		2.13.0 RECORDS			
2.9.0 AESTHETICS				2.13.3.A1	Records of major problems and complaints.		
2.9.3.A	Litter control devices utilized near working face and elsewhere as needed. Litter collected from fences, and the ground surface, and incorporated into the daily cell at the end of each day or containerized.	X		2.13.3.A2	Monitoring record maintained. a. leachate sampling and analyses, b. gas sampling and analyses, c. ground and surface water analyses.		
2.9.3.B	Wastes easily moved by wind covered as necessary to prevent their becoming airborne and scattered.	X		2.13.3.A3	Records of vector control efforts.		
				2.13.3.A4	Records of dust and litter control efforts.		
				2.13.3.A5	Records of quantity of waste handled.		
				2.13.3.A6	Records of description, sources, and volume of special wastes listed in Subsection 2.2.1.		

IV. Operation Proceeding in Accordance With Approved Engineering Plans? (If "No", describe violations under "Remarks".)

Yes _____ No _____

REMARKS They use an air curtain destructor

(Attach additional sheets as necessary.)

BY Benny Bergman
SIGNATURE OF INVESTIGATOR

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY

SANITARY LANDFILL SURVEILLANCE RECORD

Don - R. Lewis

Date: 7/18/74

Name of Sanitary Landfill: WEST LAKE

Permit No: _____ County: ST LOUIS

Owner: CRUSE KND TRUMP Operator: Y. J. J. J. J.

Address: Rt 1 Box 202 Address: Rt 1 Box 202

WILSON 7.5 63042

WILSON 7.5 63042

I. Special Conditions and Approved Modifications

A. Are there any special conditions or approved modifications of the satisfactory compliance subsections of the rules and regulations? (e.g. impermeable barrier, limited excavation, exceptions to daily cover requirements)

X Yes No

B. Is the sanitary landfill operation in compliance with the special conditions or approved modifications? (If "No", describe violations under "REMARKS".)

X Yes No

II. Check Types of Waste Accepted

	INDICATED ON PERMIT APPLICATION	REPORTED BY OPERATOR	AS OBSERVED
Municipal solid waste	<u>X</u>		<u>X</u>
Bulky waste.	<u>X</u>		<u>X</u>
Dead animals.			
Incinerator residue			
Demolition and construction waste	<u>X</u>		<u>X</u>
Brush and untreated wood waste.	<u>X</u>		<u>X</u>
Septic tank pumpings			
Wastewater treatment plant sludges.			
OTHER SLUDGES (SPECIFY)			
LIQUIDS (SPECIFY)			
INDUSTRIAL PROCESS WASTE (SPECIFY)			
HAZARDOUS WASTES (SPECIFY)			
INDUSTRIAL PROCESS WASTE			
OTHER WASTES (SPECIFY)			

III. Satisfactory Compliance Subsections

Check all subsections: SAT - Satisfactory; UNS - Unsatisfactory. (If necessary, describe "UNS" violations under "Remarks".)

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2.1.3.B	Bulky solid waste crushed on solid ground and pushed onto working face near bottom of the cell.	X		2.9.3.D	Salvaged materials removed daily or stored in aesthetically acceptable containers or enclosures.		X
2.1.3.C	Small dead animals covered immediately with soil or solid waste. Large dead animals placed in pit and covered with four feet compacted soil.			2.10.0 COVER MATERIAL			
2.1.3.D	Disposal of dewatered sludges on working face along with municipal solid waste.			2.10.3.A	Daily cover applied regardless of weather in not less than a six inch layer. Cover material available in all weather conditions.		X
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2.2.3.A	No unpermitted waste accepted.	X		2.11.0 COMPACTION			
2.2.3.B	Sign posted at entrance listing excluded wastes.	X		2.11.3.A	Working face not flatter than 3:1.		X
2.3.0 SITE SELECTION				2.11.3.A1	Solid waste spread in layers not to exceed two feet and confined to smallest practical area.		X
2.3.3.A	Site accessible in all weather conditions. Temporary roads provided for delivery to working face.			2.11.3.A2	Wastes compacted to smallest practical volume.		X
2.3.3.B	Public roads or access roads to the site above flood elevation.			2.11.3.A3	Cover material compacted as much as practical.		X
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2.5.3.A	Surface water courses and runoff properly diverted from the landfill. Sanitary landfill construction and grading to promote rapid surface water runoff without excessive erosion.			2.11.3.C	Daily task operating manual provided.		X
2.5.3.B	Leachate collection and treatment systems utilized where necessary to protect ground and surface water resources.			2.12.0 SAFETY			
2.5.3.C	No groundwater in contact with solid waste.	X		2.12.3.A	Fire extinguishers provided on all equipment.		X
2.6.0 AIR QUALITY				2.12.3.B	Provisions for extinguishing fires in waste, equipment and structures.		X
2.6.3	No open burning without written permission of the proper air pollution agency and the Division.	X		2.12.3.C	Communication equipment available.		X
2.7.0 GAS CONTROL				2.12.3.D	Scavenging prohibited		X
2.7.3.A	Decomposition gases adequately vented to prevent danger to occupants of adjacent property.	X		2.12.3.E	Controlled access to site by established roadways and limited to hours when operating personnel are on duty.		X
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				2.13.3.A5	Records of quantity of waste handled.		
				2.13.3.A6	Records of description, sources, and volume of special wastes listed in Subsection 2.2.1.		

IV. Operation Proceeding in Accordance With Approved Engineering Plans? (If "No", describe violations under "Remarks".)

Yes _____ No _____

REMARKS _____

(Attach additional sheets as necessary.)

BY Edmund P. Bowman
SIGNATURE OF INVESTIGATOR